

POLYCARBONATE SIGNAL HEADS



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Intersections are Close to Atlantic Ocean

- > Constant Winds
- > Environment is Humid and Salty



Salt Air Induced Corrosion



Requires Signal Head Replacement Every 3 Years

Inside of Signal Heads Also Corrode



Aluminum Oxide Dust Irritates Eyes and Respiratory System

Polycarbonate Heads Installed in 1998



Eagle Type SA Poly Heads Accept Standard LED Modules



Cape Hatteras Ferry Docks



Alligator River Bridge

Intracoastal Waterway, Dare & Tyrrell Counties



Washington Baum Bridge

Rain Activated Flasher on Roanoke Island



Division One has installed app. 250 Polycarbonate heads to date.



Other Benefits of Poly Heads

- > **Reduced Weight**

- > **3 Section Aluminum 23 lbs**

- > **3 Section Poly 11 lbs**

- > **Reduced Static Load on Structures**

- > **Reduced Technician Injuries**

- > **Eases Work of Stockroom Workers**

- > **Lower Initial Cost**

- > **3 Section Aluminum \$95.60 ea.**

- > **3 Section Poly \$68.00 ea.**

- > **5 Section Aluminum \$219.00 ea.**

- > **5 Section Poly \$164.00 ea.**

- > **Average Initial Savings Per Intersection \$275.00***

*** Assumes Six 3-Section and Two 5-Section Signal Heads**

Questions?



Installed 2003



Installed 1998